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Nissila(10) **Pub. No.: US 2016/0242186 A1**(43) **Pub. Date: Aug. 18, 2016**(54) **DYNAMIC CARRIER SELECTION VIA
AUXILIARY CARRIERS IN UNLICENSED
BAND**(71) Applicant: **Nokia Technologies Oy**, Espoo (FI)(72) Inventor: **Mauri J. Nissila**, Oulu (FI)(73) Assignee: **Nokia Technologies Oy**(21) Appl. No.: **14/620,426**(22) Filed: **Feb. 12, 2015****Publication Classification**(51) **Int. Cl.**
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(57)

ABSTRACT

In accordance with the exemplary embodiments there is at least a method and apparatus to configure more than one component carrier of an unlicensed band, wherein some of the more than one component carriers are active and a remainder are turned off; select at least one turned off component carrier of the more than one component carrier, wherein each of the selected at least one turned off component carrier is configured as an auxiliary component carrier linked to one or more of the active component carriers of the unlicensed band; and send a data burst over an auxiliary component carrier in response to a linked active component carrier being unavailable to carry the data burst. Further, in accordance with the exemplary embodiments there is at least a method and apparatus to receive a configuration of an auxiliary component carrier via one of broadcast signaling or radio resource control signaling; detect a data burst over the auxiliary component carrier of more than one component carrier associated with an unlicensed band.

